



RP-1580A
RAYO 9321.1

FW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of William C. Bushong, et al.

Art Unit 2838

Serial No. 10/697,221

Filed October 27, 2003

Confirmation No. 9783

For METHOD AND APPARATUS FOR REGULATING CHARGING OF
ELECTROCHEMICAL CELLS

March 2, 2006

TO THE COMMISSIONER FOR PATENTS,

SIR:

INFORMATION DISCLOSURE STATEMENT

* In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance
* with the duty of disclosure set forth in 37 C.F.R. 1.56, applicants submit the attached
PTO/SB/08A for consideration by the Patent and Trademark Office in the above-
entitled application and to be made of record therein.

* Applicants submit herewith copies of reference numbers 68-69, 71-72, and 89-
90 listed on the attached PTO/SB/08A. The foreign patent documents and/or literature
reference numbers 65-67, 70, and 73-88, listed on the attached PTO/SB/08A, have
been previously submitted in parent application Serial No. 10/045,934 and, therefore, in
accordance with MPEP 609, are not being provided at this time.

This Information Disclosure Statement is being submitted pursuant to 37 C.F.R.
§1.97(b) in that applicants believe that it is being filed prior to the mailing date of the
first Office action on the merits. Accordingly neither a statement nor fee under 37
C.F.R. §1.97(c) or (d) is required. However, if an Office action was issued prior to the
date of mailing of this Information Disclosure Statement, the Commissioner is hereby
authorized to charge any required fees regarding this Information Disclosure Statement
to Deposit Account No. 19-1345.

Respectfully submitted,

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CMG/LJH/cms
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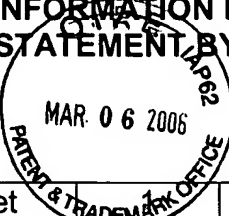
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CERTIFICATE OF MAILING

I certify that this Information Disclosure Statement in the application of William C. Dushong, et al, Serial No. 10/697,221, filed October 27, 2003, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on this 2nd day of March, 2006.


Christina M. Spencer

LJH/cms

PTO/SB/08A		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT 		Application Number	10/697,221
		Filing Date	October 27, 2003
		Confirmation Number	9783
		First Named Inventor	William C. Bushong
		Group Art Unit	2838
		Examiner Name	Jonathan Crepeau
Sheet 1 of 4	Attorney Docket No.	RAYO 9321.1 (RP-1580A)	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
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Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Applicant is to place a check mark here if English Translation is attached or place an "A" here if English language abstract is attached.

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				Group Art Unit	2838
				Examiner Name	Jonathan Crepeau
Sheet	2	of	4	Attorney Docket No.	RAYO 9321.1 (RP-1580A)

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		Office	Number ⁴	Kind Code (if known)			
	65	GB	2 349 284	A	AEA Technology plc	10-25-2000	
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Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume- issue number(s), publisher, city and/or country where published	T ⁶
	74	CARSON, Jr., et al., "Rapid Recharging of Nickel-Cadmium Batteries," <i>Power Sources</i> 2, (1968), pp. 181-197.	
	75	COYLE, et al., "Ultra-Fast Nickel Cadmium Batteries Charger," <i>New Developments in Electrical Vehicles for Disabled Persons</i> , (1995), pp. 8/1 to 8/5.	
	76	FALCON, C.B., "Fast Charge Termination Methods for NiCd and NiMH Batteries," <i>PCIM Journal</i> , (1994), pp. 10-18.	
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	78	GLADSTONE, et al., "Demand Pulse Charging for Nickel-Cadmium Batteries," <i>Proc. Annual Power Sources Conference</i> , 1969, (1969), Vol. 23, pp. 56-59.	
	79	GUTEKUNST, K., "Contribution to the Examination of Charging Behavior of Sealed	

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	81	JUVINALL, G.L., "A Novel Negative-Limited Sealed Nickel-Cadmium Cell," U9th Intersociety Energy Conversion Engineering Conference Proceedings, (1974) pp. 881-887.	
	82	KANTER, et al., "Investigation of Hermetically Sealed Maintenance-Free, High Rate, Nickel-Cadmium Batteries for Aircraft Applications," <i>Contract Report for Air Force Aero Propulsion Laboratory</i> Project No. 8173 (1996).	
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	84	TSUDA, S., "Quick Charge Characteristics of Sealed Nickel-Cadmium Rechargeable Batteries," <i>National Technical Report</i> (1978), Vol. 24, pp. 313-320.	
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	86	WUIDART, L., "Ultra Fast NiCd Battery Charger with Integrated Magnetic," <i>Official Proceedings of the Nineteenth International Intelligent Motion (PCIM) Conference</i> , (1991), pp. 352-365.	
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	89	International Search Report from PCT/US03/34363, dated 01-19-2005.	
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